A8050-1

January 22, 1985

# press release

FOR RELEASE A.M. MONDAY, JANUARY 28, 1985

Contact:
Charles Pollock

McLean, VA, January 28, 1985 -- Orders for new American-built machine tools rose 72% for the year ending December 31, 1984, according to data released today by the National Machine Tool Builders' Association. Net new orders for metal cutting and metal forming machine tools totalled $2,912,850,000 for the year compared to $1,696,150,000 in 1983. Shipments, at $2,277,700,000, increased 23% for the year compared to 1983's total of $1,845,050,000.

Orders for the month of December were up 19% from the previous month, at $252.2 million, while shipments rose 26% for the month, to a level of $267.6 million.

"Compared to 1983, this was a banner year for the American machine tool industry," commented Association president James A. Gray, "but there is still plenty of room for improvement in 1985." While encouraged by the results of the past twelve months, Gray emphasized that "industry orders are still a long way from their peak levels of 1979 and 1980."

- over -

national machine tool builders association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

In the past year, orders for metal cutting machine tools increased 66%, totalling $1.913 billion, while year-end order totals for metal forming machines were up 84% to just under $1.0 billion. Metal cutting shipments rose 17% for the year, to $1.598 billion, while metal forming shipments, at $679.4 million, were up 44% over 1983 totals.

For the month of December, metal cutting orders, at $156.2 million, were 2% below the previous month, while shipments were up 21%, rising to $192.7 million. Metal forming orders, at $96.0 million, were ahead of November's by 85%. Shipments of forming machines were up 42%, at $74.9 million for the month.

Industry backlog, at $1.045 billion in December of 1983, increased to a level of $1.680 billion.

# # # # # # # #

# COMPARISON CHART

## NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

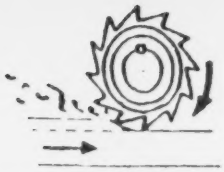
| | METAL CUTTING | | | METAL FORMING | | | TOTAL Cutting and Forming | | |
|---|---|---|---|---|---|---|---|---|---|
| | Domestic | Foreign | Total | Domestic | Foreign | Total | Domestic | Foreign | Total |
| Dec. 1984 | 140,650 | 15,550 | 156,200 | 92,950 | 3,050 | 96,000 | 233,600 | 18,600 | 252,200 |
| Nov. 1984 | 154,750 | 5,250 | 160,000 | 51,450 | 550 | 52,000 | 206,200 | 5,800 | 212,000 |
| % Change | | | | | | | | | |
| Dec. 1984:Nov. 1984 | -9.1 | +196.2 | -2.4 | +80.7 | +454.5 | +84.6 | +13.3 | +220.7 | +19.0 |
| Dec. 1983 | 84,150 | 7,100 | 91,250 | 48,300 | 11,700 | 60,000 | 132,450 | 18,800 | 151,250 |
| % Change | | | | | | | | | |
| Dec. 1984:Dec. 1983 | +67.1 | +119.0 | +71.2 | +92.4 | -73.9 | +60.0 | +76.4 | -1.1 | +66.7 |
| Year To Date 1984 | 1,698,050 | 214,850 | 1,912,900 | 931,450 | 68,500 | 999,950 | 2,629,500 | 283,350 | 2,912,850 |
| Year To Date 1983 | 1,069,450 | 82,200 | 1,151,650 | 488,750 | 55,750 | 544,500 | 1,558,200 | 137,950 | 1,696,150 |
| % Change | | | | | | | | | |
| 1984 : 1983 | +58.8 | +161.4 | +66.1 | +90.6 | +22.9 | +83.6 | +68.8 | +105.4 | +71.7 |

## SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

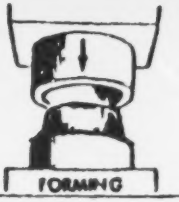
| | METAL CUTTING | | | METAL FORMING | | | TOTAL Cutting and Forming | | |
|---|---|---|---|---|---|---|---|---|---|
| | Domestic | Foreign | Total | Domestic | Foreign | Total | Domestic | Foreign | Total |
| Dec. 1984 | 178,650 | 14,050 | 192,700 | 69,100 | 5,750 | 74,850 | 247,750 | 19,800 | 267,550 |
| Nov. 1984 | 147,150 | 11,900 | 159,050 | 48,300 | 4,400 | 52,700 | 195,450 | 16,300 | 211,750 |
| % Change | | | | | | | | | |
| Dec. 1984:Nov. 1984 | +21.4 | +18.1 | +21.2 | +43.1 | +30.7 | +42.0 | +26.8 | +21.5 | +26.4 |
| Dec. 1983 | 152,150 | 29,600 | 181,750 | 54,350 | 1,700 | 56,050 | 206,500 | 31,300 | 237,800 |
| % Change | | | | | | | | | |
| Dec. 1984:Dec. 1983 | +17.4 | -52.5 | +6.0 | +27.1 | +238.2 | +33.5 | +20.0 | -36.7 | +12.5 |
| Year To Date 1984 | 1,479,050 | 119,300 | 1,598,350 | 608,750 | 70,600 | 679,350 | 2,087,800 | 189,900 | 2,277,700 |
| Year To Date 1983 | 1,199,600 | 171,900 | 1,371,500 | 430,450 | 43,100 | 473,550 | 1,630,050 | 215,000 | 1,845,050 |
| % Change | | | | | | | | | |
| 1984 : 1983 | +23.3 | -30.6 | +16.5 | +41.4 | +63.8 | +43.5 | +28.1 | -11.7 | +23.4 |

Source: National Machine Tool Builders' Association

Form No. PRCC-2




# TOTAL INDUSTRY ESTIMATE
## MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



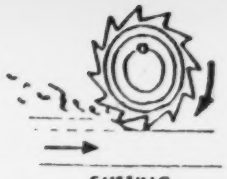

| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog (In Mil. $) | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1984 | | | | | | | |
| Jan. | $ 175,550,000 | $ 13,550,000 | $ 189,100,000 | 1,120.85 | $ 100,900,000 | $ 12,050,000 | $ 112,950,000 |
| Feb. | $ 187,700,000 | $ 15,200,000 | $ 202,900,000 | 1,176.45 | $ 135,700,000 | $ 11,600,000 | $ 147,300,000 |
| Mar. | $ 188,650,000 | $ 19,800,000 | $ 208,450,000 | 1,195.65 | $ 172,350,000 | $ 16,900,000 | $ 189,250,000 |
| Apr. | $ 201,600,000 | $ 51,500,000 | $ 253,100,000 | 1,290.00 | $ 145,000,000 | $ 13,750,000 | $ 158,750,000 |
| May | $ 291,900,000 | $ 27,650,000 | $ 319,550,000 | 1,399.50 | $ 194,400,000 | $ 15,650,000 | $ 210,050,000 |
| June | $ 161,150,000 | $ 30,600,000 | $ 191,750,000 | 1,387.75 | $ 182,200,000 | $ 21,300,000 | $ 203,500,000 |
| July | $ 299,600,000 | $ 13,800,000 | $ 313,400,000 | 1,507.40 | $ 182,000,000 | $ 11,750,000 | $ 193,750,000 |
| Aug. | $ 180,250,000 | $ 20,350,000 | $ 200,600,000 | 1,543.65 | $ 155,150,000 | $ 9,200,000 | $ 164,350,000 |
| Sept. | $ 255,100,000 | $ 31,100,000 | $ 286,200,000 | 1,619.10 | $ 189,850,000 | $ 20,900,000 | $ 210,750,000 |
| Oct. | $ 248,200,000 | $ 35,400,000 | $ 283,600,000 | 1,694.95 | $ 187,050,000 | $ 20,700,000 | $ 207,750,000 |
| Nov. | $ 206,200,000 | $ 5,800,000 | $ 212,000,000 | 1,695.20 | $ 195,450,000 | $ 16,300,000 | $ 211,750,000 |
| Dec. (p) | $ 233,600,000 | $ 18,600,000 | $ 252,200,000 | 1,679.85 | $ 247,750,000 | $ 19,800,000 | $ 267,550,000 |
| 12 Mos. | $2,629,500,000 | $ 283,350,000 | $2,912,850,000 | | $2,087,800,000 | $ 189,900,000 | $2,277,700,000 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1984 | | | | | | |
| Jan. | $ 183,900,000 | $ 14,300,000 | $ 198,200,000 | $ 8,350,000 | $ 750,000 | $ 9,100,000 |
| Feb. | $ 197,050,000 | $ 16,900,000 | $ 213,950,000 | $ 9,350,000 | $ 1,700,000 | $ 11,050,000 |
| Mar. | $ 196,700,000 | $ 21,200,000 | $ 217,900,000 | $ 8,050,000 | $ 1,400,000 | $ 9,450,000 |
| Apr. | $ 209,800,000 | $ 52,050,000 | $ 261,850,000 | $ 8,200,000 | $ 550,000 | $ 8,750,000 |
| May | $ 303,700,000 | $ 27,850,000 | $ 331,550,000 | $ 11,800,000 | $ 200,000 | $ 12,000,000 |
| June | $ 178,200,000 | $ 32,450,000 | $ 210,650,000 | $ 17,050,000 | $ 1,850,000 | $ 18,900,000 |
| July | $ 301,800,000 | $ 14,200,000 | $ 316,000,000 | $ 2,200,000 | $ 400,000 | $ 2,600,000 |
| Aug. | $ 189,600,000 | $ 20,700,000 | $ 210,300,000 | $ 9,350,000 | $ 350,000 | $ 9,700,000 |
| Sept. | $ 264,000,000 | $ 31,800,000 | $ 295,800,000 | $ 8,900,000 | $ 700,000 | $ 9,600,000 |
| Oct. | $ 256,700,000 | $ 36,550,000 | $ 293,250,000 | $ 8,500,000 | $ 1,150,000 | $ 9,650,000 |
| Nov. | $ 220,300,000 | $ 7,100,000 | $ 227,400,000 | $ 14,100,000 | $ 1,300,000 | $ 15,400,000 |
| Dec. (p) | $ 243,550,000 | $ 20,250,000 | $ 263,800,000 | $ 9,950,000 | $ 1,650,000 | $ 11,600,000 |
| 12 Mos. | $2,745,300,000 | $ 295,350,000 | $3,040,650,000 | $ 115,800,000 | $ 12,000,000 | $ 127,800,000 |

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.




# INDUSTRY ESTIMATE
# METAL CUTTING TYPE MACHINE TOOLS
## New Orders, Cancellations, Shipments and Backlog

| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog (In Mil. $) | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1984 | | | | | | | |
| Jan. | $ 122,500,000 | $ 10,700,000 | $ 133,200,000 | 883.80 | $ 65,350,000 | $ 7,200,000 | $ 72,550,000 |
| Feb. | $ 121,700,000 | $ 11,350,000 | $ 133,050,000 | 913.80 | $ 95,300,000 | $ 7,750,000 | $ 103,050,000 |
| Mar. | $ 131,900,000 | $ 14,600,000 | $ 146,500,000 | 937.80 | $ 112,350,000 | $ 10,150,000 | $ 122,500,000 |
| Apr. | $ 135,700,000 | $ 44,100,000 | $ 179,800,000 | 1,016.10 | $ 92,700,000 | $ 8,800,000 | $ 101,500,000 |
| May | $ 167,500,000 | $ 20,950,000 | $ 188,450,000 | 1,054.55 | $ 142,100,000 | $ 7,900,000 | $ 150,000,000 |
| June | $ 107,550,000 | $ 23,400,000 | $ 130,950,000 | 1,035.20 | $ 138,750,000 | $ 11,550,000 | $ 150,300,000 |
| July | $ 126,050,000 | $ 9,800,000 | $ 135,850,000 | 1,037.80 | $ 127,500,000 | $ 5,750,000 | $ 133,250,000 |
| Aug. | $ 118,250,000 | $ 16,750,000 | $ 135,000,000 | 1,055.85 | $ 111,050,000 | $ 5,900,000 | $ 116,950,000 |
| Sept. | $ 194,850,000 | $ 27,300,000 | $ 222,150,000 | 1,126.65 | $ 138,700,000 | $ 12,650,000 | $ 151,350,000 |
| Oct. | $ 176,650,000 | $ 15,100,000 | $ 191,750,000 | 1,173.25 | $ 129,450,000 | $ 15,700,000 | $ 145,150,000 |
| Nov. | $ 154,750,000 | $ 5,250,000 | $ 160,000,000 | 1,174.20 | $ 147,150,000 | $ 11,900,000 | $ 159,050,000 |
| Dec. (p) | $ 140,650,000 | $ 15,550,000 | $ 156,200,000 | 1,137.70 | $ 178,650,000 | $ 14,050,000 | $ 192,700,000 |
| 12 Mos. | $1,698,050,000 | $ 214,850,000 | $1,912,900,000 | | $1,479,050,000 | $119,300,000 | $1,598,350,000 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1984 | | | | | | |
| Jan. | $ 127,550,000 | $ 10,750,000 | $ 138,300,000 | $ 5,050,000 | $ 50,000 | $ 5,100,000 |
| Feb. | $ 130,600,000 | $ 12,400,000 | $ 143,000,000 | $ 8,900,000 | $ 1,050,000 | $ 9,950,000 |
| Mar. | $ 137,150,000 | $ 15,950,000 | $ 153,100,000 | $ 5,250,000 | $ 1,350,000 | $ 6,600,000 |
| Apr. | $ 141,800,000 | $ 44,200,000 | $ 186,000,000 | $ 6,100,000 | $ 100,000 | $ 6,200,000 |
| May | $ 171,250,000 | $ 21,100,000 | $ 192,350,000 | $ 3,750,000 | $ 150,000 | $ 3,900,000 |
| June | $ 123,050,000 | $ 25,200,000 | $ 148,250,000 | $ 15,500,000 | $ 1,800,000 | $ 17,300,000 |
| July | $ 127,350,000 | $ 10,000,000 | $ 137,350,000 | $ 1,300,000 | $ 200,000 | $ 1,500,000 |
| Aug. | $ 124,300,000 | $ 17,050,000 | $ 141,350,000 | $ 6,050,000 | $ 300,000 | $ 6,350,000 |
| Sept. | $ 201,550,000 | $ 27,950,000 | $ 229,500,000 | $ 6,700,000 | $ 650,000 | $ 7,350,000 |
| Oct. | $ 182,750,000 | $ 15,950,000 | $ 198,700,000 | $ 6,100,000 | $ 850,000 | $ 6,950,000 |
| Nov. | $ 163,550,000 | $ 6,500,000 | $ 170,050,000 | $ 8,800,000 | $ 1,250,000 | $ 10,050,000 |
| Dec. (p) | $ 147,350,000 | $ 17,150,000 | $ 164,500,000 | $ 6,700,000 | $ 1,600,000 | $ 8,300,000 |
| 12 Mos. | $1,778,250,000 | $ 224,200,000 | $2,002,450,000 | $ 80,200,000 | $ 9,350,000 | $ 89,550,000 |

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

# INDUSTRY ESTIMATE
# METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog (In Mil. $) | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1984 | | | | | | | |
| Jan. | $ 53,050,000 | $ 2,850,000 | $ 55,900,000 | 237.05 | $ 35,550,000 | $ 4,850,000 | $ 40,400,000 |
| Feb. | $ 66,000,000 | $ 3,850,000 | $ 69,850,000 | 262.65 | $ 40,400,000 | $ 3,850,000 | $ 44,250,000 |
| Mar. | $ 56,750,000 | $ 5,200,000 | $ 61,950,000 | 257.85 | $ 60,000,000 | $ 6,750,000 | $ 66,750,000 |
| Apr. | $ 65,900,000 | $ 7,400,000 | $ 73,300,000 | 273.90 | $ 52,300,000 | $ 4,950,000 | $ 57,250,000 |
| May | $ 124,400,000 | $ 6,700,000 | $ 131,100,000 | 344.95 | $ 52,300,000 | $ 7,750,000 | $ 60,050,000 |
| June | $ 53,600,000 | $ 7,200,000 | $ 60,800,000 | 352.55 | $ 43,450,000 | $ 9,750,000 | $ 53,200,000 |
| July | $ 173,550,000 | $ 4,000,000 | $ 177,550,000 | 469.60 | $ 54,500,000 | $ 6,000,000 | $ 60,500,000 |
| Aug. | $ 62,000,000 | $ 3,600,000 | $ 65,600,000 | 487.80 | $ 44,100,000 | $ 3,300,000 | $ 47,400,000 |
| Sept. | $ 60,250,000 | $ 3,800,000 | $ 64,050,000 | 492.45 | $ 51,150,000 | $ 8,250,000 | $ 59,400,000 |
| Oct. | $ 71,550,000 | $ 20,300,000 | $ 91,850,000 | 521.70 | $ 57,600,000 | $ 5,000,000 | $ 62,600,000 |
| Nov. | $ 51,450,000 | $ 550,000 | $ 52,000,000 | 521.00 | $ 48,300,000 | $ 4,400,000 | $ 52,700,000 |
| Dec. (p) | $ 92,950,000 | $ 3,050,000 | $ 96,000,000 | 542.15 | $ 69,100,000 | $ 5,750,000 | $ 74,850,000 |
| 12 Mos. | $ 931,450,000 | $ 68,500,000 | $ 999,950,000 | | $ 608,750,000 | $ 70,600,000 | $ 679,350,000 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1984 | | | | | | |
| Jan. | $ 56,350,000 | $ 3,550,000 | $ 59,900,000 | $ 3,300,000 | $ 700,000 | $ 4,000,000 |
| Feb. | $ 66,450,000 | $ 4,500,000 | $ 70,950,000 | $ 450,000 | $ 650,000 | $ 1,100,000 |
| Mar. | $ 59,550,000 | $ 5,250,000 | $ 64,800,000 | $ 2,800,000 | $ 50,000 | $ 2,850,000 |
| Apr. | $ 68,000,000 | $ 7,850,000 | $ 75,850,000 | $ 2,100,000 | $ 450,000 | $ 2,550,000 |
| May | $ 132,450,000 | $ 6,750,000 | $ 139,200,000 | $ 8,050,000 | $ 50,000 | $ 8,100,000 |
| June | $ 55,150,000 | $ 7,250,000 | $ 62,400,000 | $ 1,550,000 | $ 50,000 | $ 1,600,000 |
| July | $ 174,450,000 | $ 4,200,000 | $ 178,650,000 | $ 900,000 | $ 200,000 | $ 1,100,000 |
| Aug. | $ 65,300,000 | $ 3,650,000 | $ 68,950,000 | $ 3,300,000 | $ 50,000 | $ 3,350,000 |
| Sept. | $ 62,450,000 | $ 3,850,000 | $ 66,300,000 | $ 2,200,000 | $ 50,000 | $ 2,250,000 |
| Oct. | $ 73,950,000 | $ 20,600,000 | $ 94,550,000 | $ 2,400,000 | $ 300,000 | $ 2,700,000 |
| Nov. | $ 56,750,000 | $ 600,000 | $ 57,350,000 | $ 5,300,000 | $ 50,000 | $ 5,350,000 |
| Dec. (p) | $ 96,200,000 | $ 3,100,000 | $ 99,300,000 | $ 3,250,000 | $ 50,000 | $ 3,300,000 |
| 12 Mos. | $ 967,050,000 | $ 71,150,000 | $1,038,200,000 | $ 35,600,000 | $ 2,650,000 | $ 38,250,000 |

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

# QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1979 TO DATE

| | CUTTING AND FORMING | | | CUTTING | | | FORMING | | |
|---|---|---|---|---|---|---|---|---|---|
| | SHIPMENTS | | NET | SHIPMENTS | | NET | SHIPMENTS | | NET |
| DATE | Total | Foreign | NEW ORDERS | Total | Foreign | NEW ORDERS | Total | Foreign | NEW ORDERS |
| 1979-1 | $ 858,050 | $ 88,300 | $1,471,400 | $ 633,450 | $ 69,000 | $1,158 250 | $ 224,600 | $ 19,300 | $ 313,150 |
| 2 | 978,200 | 109,150 | 1,356,450 | 735,750 | 87,650 | 1,083,550 | 242,450 | 21,500 | 272,900 |
| 3 | 899,850 | 97,050 | 1,353,200 | 689,850 | 78,500 | 1,120,500 | 210,000 | 18,550 | 232,700 |
| 4 | 1,140,450 | 116,750 | 1,440,400 | 871,000 | 89,400 | 1,132,800 | 269,450 | 27,350 | 307,600 |
| Total | $3,876,550 | $411,250 | $5,621,450 | $2,930,050 | $324,550 | $4,495,100 | $ 946,500 | $ 86,700 | $1,126,350 |
| 1980-1 | $1,146,150 | $115,700 | $1,517,450 | $ 881,400 | $ 86,750 | $1,207,800 | $ 264,750 | $ 28,950 | $ 309,650 |
| 2 | 1,193,300 | 155,550 | 1,335,350 | 925,350 | 122,850 | 1,142,100 | 267,950 | 32,700 | 193,250 |
| 3 | 1,049,050 | 133,850 | 917,500 | 830,450 | 102,650 | 728,300 | 218,600 | 31,200 | 189,200 |
| 4 | 1,303,250 | 202,400 | 984,000 | 1,043,600 | 162,550 | 806,550 | 259,650 | 39,850 | 177,450 |
| Total | $4,691,750 | $607,500 | $4,754,300 | $3,680,800 | $474,800 | $3,884,750 | $1,010,950 | $ 132,700 | $ 869,550 |
| 1981-1 | $1,288,200 | $210,800 | $ 920,350 | $1,017,850 | $155,600 | $ 706,600 | $ 270,350 | $ 55,200 | $ 213,750 |
| 2 | 1,367,500 | 236,350 | 867,000 | 1,103,400 | 185,450 | 661,200 | 264,100 | 50,900 | 205,800 |
| 3 | 1,133,950 | 127,950 | 593,450 | 920,300 | 99,950 | 455,250 | 213,650 | 28,000 | 138,200 |
| 4 | 1,305,950 | 143,850 | 564,050 | 1,062,950 | 111,050 | 405,050 | 243,000 | 32,800 | 159,000 |
| Total | $5,095,600 | $718,950 | $2,944,850 | $4,104,500 | $552,050 | $2,228,100 | $ 991,100 | $ 166,900 | $ 716,750 |
| 1982-1 | $1,154,200 | $112,650 | $ 506,800 | $ 933,050 | $ 71,750 | $ 384,850 | $ 221,150 | $ 40,900 | $ 121,950 |
| 2 | 1,008,450 | 96,600 | 382,650 | 810,650 | 75,350 | 274,750 | 197,800 | 21,250 | 107,900 |
| 3 | 783,400 | 107,200 | 279,950 | 640,450 | 89,750 | 183,450 | 142,950 | 17,450 | 96,500 |
| 4 | 658,350 | 89,600 | 328,350 | 510,600 | 59,300 | 221,400 | 147,750 | 30,300 | 106,950 |
| Total | $3,604,400 | $406,050 | $1,497,750 | $2,894,750 | $296,150 | $1,064,450 | $ 709,650 | $ 109,900 | $ 433,300 |
| 1983-1 | $ 487,450 | $ 56,650 | $ 314,850 | $ 370,600 | $ 40,800 | $ 224,100 | $ 116,850 | $ 15,850 | $ 90,750 |
| 2 | 469,650 | 58,300 | 399,100 | 357,500 | 49,300 | 269,300 | 112,150 | 9,000 | 129,800 |
| 3 | 357,050 | 42,900 | 468,150 | 252,350 | 32,200 | 322,200 | 104,700 | 10,700 | 145,950 |
| 4 | 530,900 | 57,150 | 514,050 | 391,050 | 49,600 | 336,050 | 139,850 | 7,550 | 178,000 |
| Total | $1,845,050 | $215,000 | $1,696,150 | $1,371,500 | $171,900 | $1,151,650 | $ 473,550 | $ 43,100 | $ 544,500 |
| 1984-1 | $ 449,500 | $ 40,550 | $ 600,450 | $ 298,100 | $ 25,100 | $ 412,750 | $ 151,400 | $ 15,450 | $ 187,700 |
| 2 | $ 572,300 | $ 50,700 | $ 764,400 | $ 401,800 | $ 28,250 | $ 499,200 | $ 170,500 | $ 22,450 | $ 265,200 |
| 3 | $ 568,850 | $ 41,850 | $ 800,200 | $ 401,550 | $ 24,300 | $ 493,000 | $ 167,300 | $ 17,550 | $ 307,200 |
| 4P | $ 687,050 | $ 56,800 | $ 747,800 | $ 496,900 | $ 41,650 | $ 507,950 | $ 190,150 | $ 15,150 | $ 239,850 |
| Total | $2,277,700 | $189,900 | $2,912,850 | $1,598,350 | $119,300 | $1,912,900 | $ 679,350 | $ 70,600 | $ 999,950 |

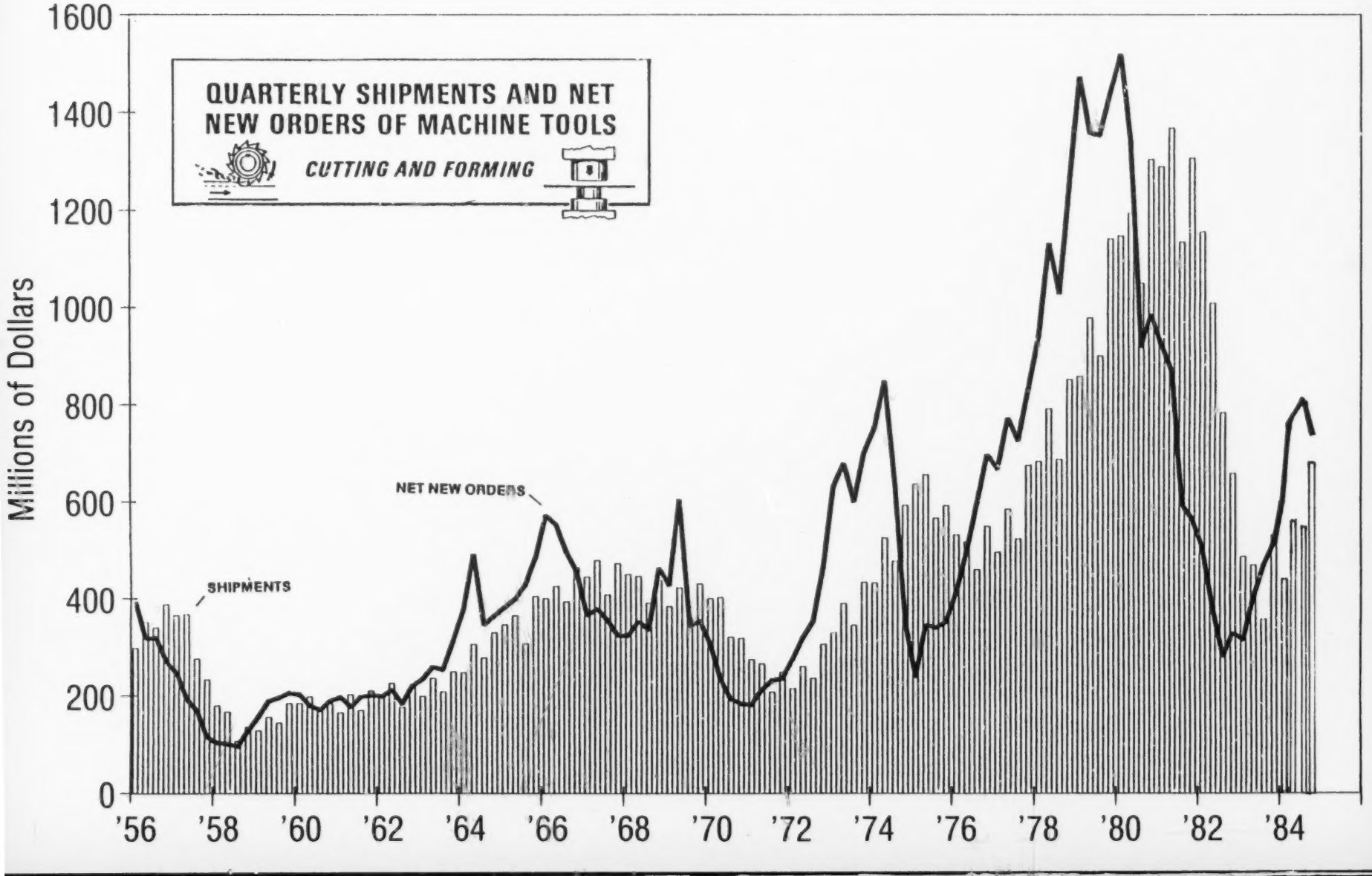
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1983, contact:
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

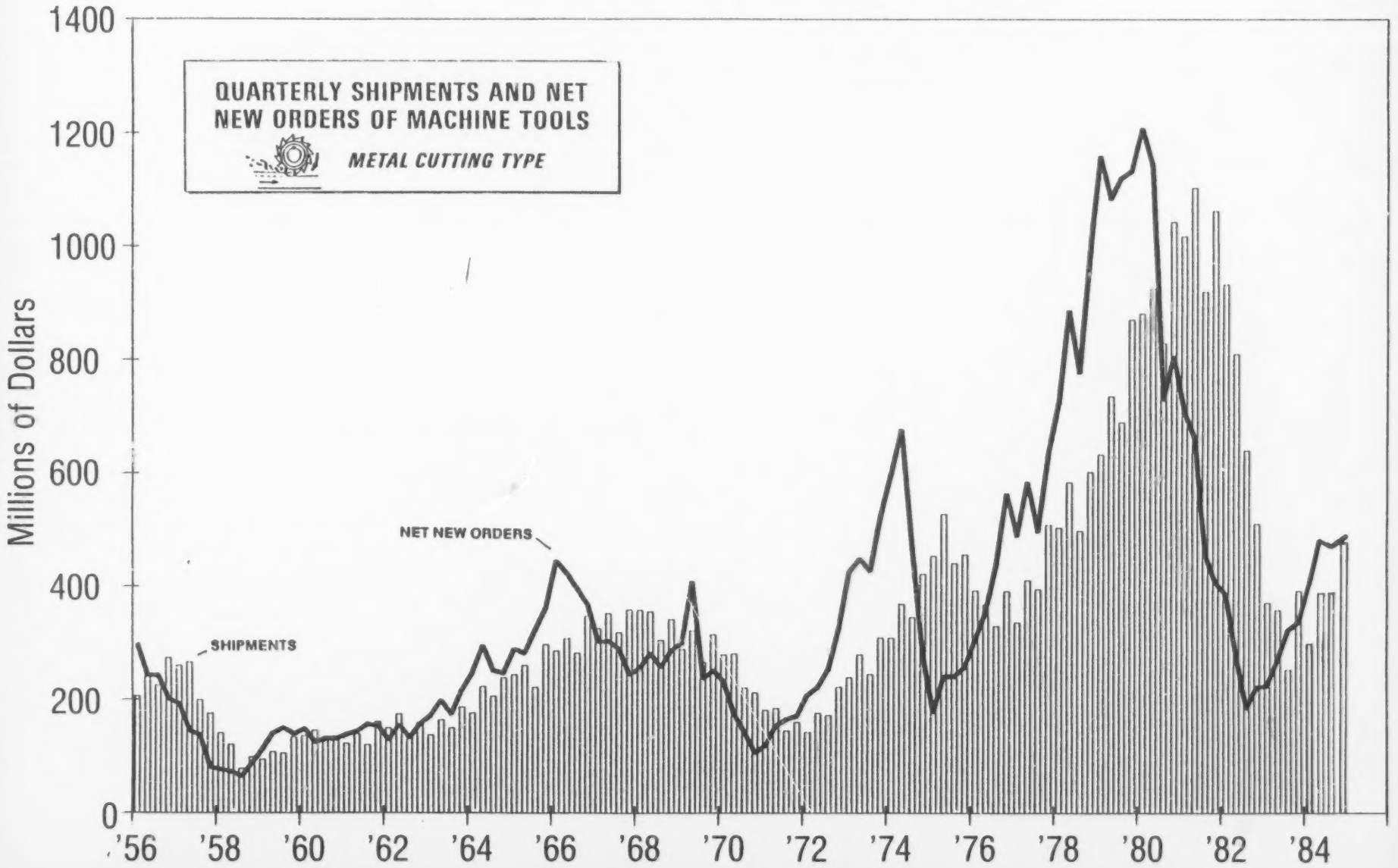
Source: National Machine Tool Builders' Association

January 28, 1985

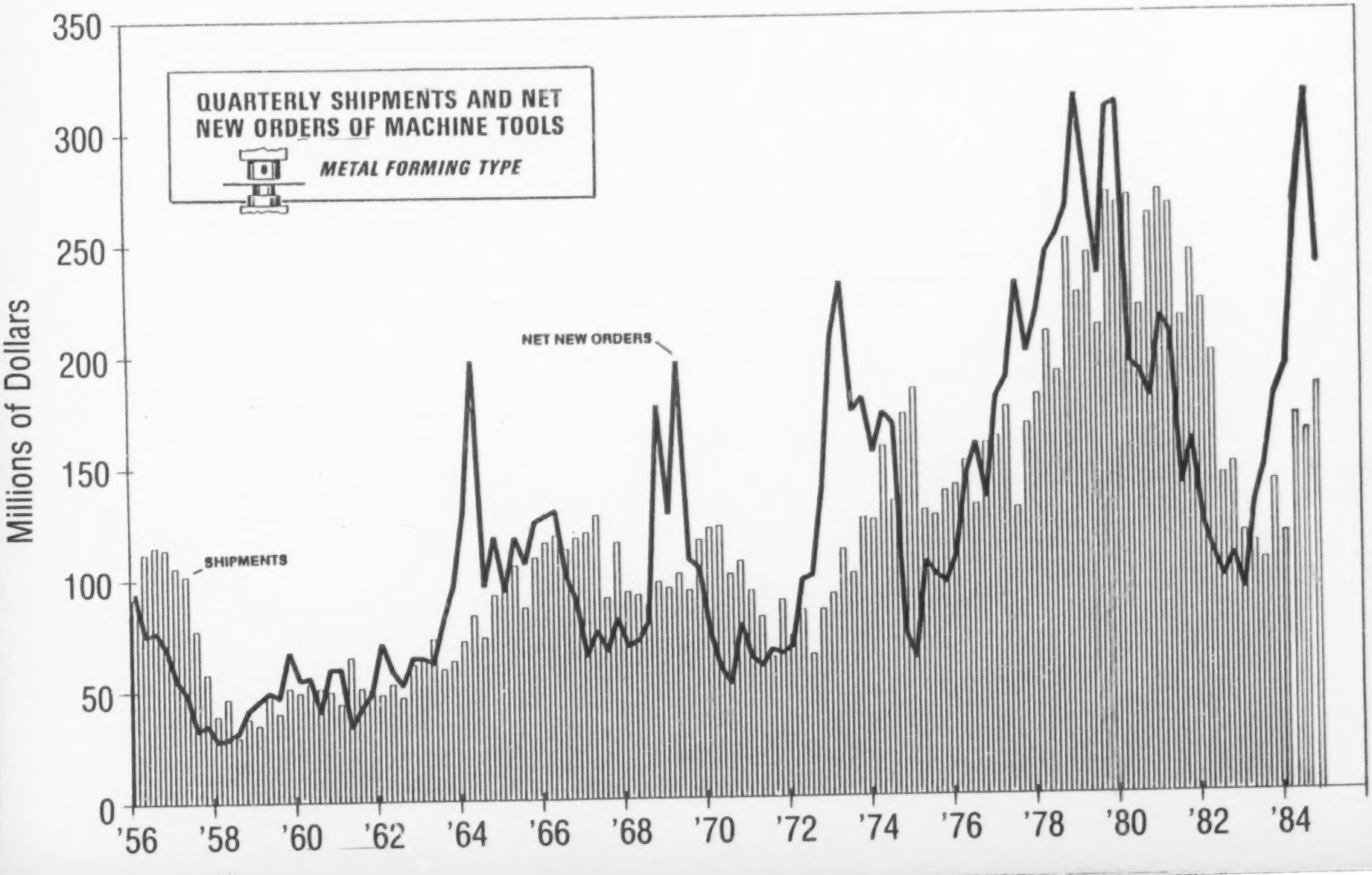
# Total Machine Tool
# Shipments (Bar) and Net New Orders (Line)
# Quarterly, 1956:1 to 1984:3

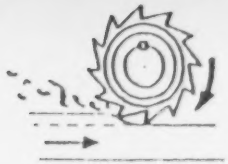


# Metal Cutting Machine Tool
# Shipments (Bar) and Net New Orders (Line)
# Quarterly, 1956:1 to 1984:3

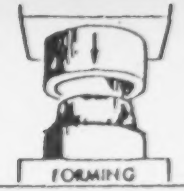


# Metal Forming Machine Tool Shipments (Bar) and Net New Orders (Line) Quarterly, 1956:1 to 1984:3






# TOTAL INDUSTRY ESTIMATE
# MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



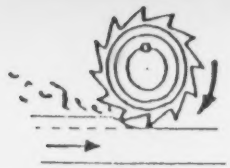

| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog (In Mil. $) | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1984 | | | | | | | |
| Jan. | $ 175,550,000 | $ 13,550,000 | $ 189,100,000 | 1,120.85 | $ 100,900,000 | $ 12,050,000 | $ 112,950,000 |
| Feb. | $ 187,700,000 | $ 15,200,000 | $ 202,900,000 | 1,176.45 | $ 135,700,000 | $ 11,600,000 | $ 147,300,000 |
| Mar. | $ 188,650,000 | $ 19,800,000 | $ 208,450,000 | 1,195.65 | $ 172,350,000 | $ 16,900,000 | $ 189,250,000 |
| Apr. | $ 201,600,000 | $ 51,500,000 | $ 253,100,000 | 1,290.00 | $ 145,000,000 | $ 13,750,000 | $ 158,750,000 |
| May | $ 291,900,000 | $ 27,650,000 | $ 319,550,000 | 1,399.50 | $ 194,400,000 | $ 15,650,000 | $ 210,050,000 |
| June | $ 161,150,000 | $ 30,600,000 | $ 191,750,000 | 1,387.75 | $ 182,200,000 | $ 21,300,000 | $ 203,500,000 |
| July | $ 299,600,000 | $ 13,800,000 | $ 313,400,000 | 1,507.40 | $ 182,000,000 | $ 11,750,000 | $ 193,750,000 |
| Aug. | $ 180,250,000 | $ 20,350,000 | $ 200,600,000 | 1,543.65 | $ 155,150,000 | $ 9,200,000 | $ 164,350,000 |
| Sept. | $ 255,100,000 | $ 31,100,000 | $ 286,200,000 | 1,619.10 | $ 189,850,000 | $ 20,900,000 | $ 210,750,000 |
| Oct. | $ 248,200,000 | $ 35,400,000 | $ 283,600,000 | 1,694.95 | $ 187,050,000 | $ 20,700,000 | $ 207,750,000 |
| Nov. | $ 206,200,000 | $ 5,800,000 | $ 212,000,000 | 1,695.20 | $ 195,450,000 | $ 16,300,000 | $ 211,750,000 |
| Dec. | $ 235,150,000 | $ 20,000,000 | $ 255,150,000 | 1,674.65 | $ 252,550,000 | $ 23,150,000 | $ 275,700,000 |
| 12 Mos. | $2,631,050,000 | $ 284,750,000 | $2,915,800,000 | | $2,092,600,000 | $ 193,250,000 | $2,285,850,000 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1984 | | | | | | |
| Jan. | $ 183,900,000 | $ 14,300,000 | $ 198,200,000 | $ 8,350,000 | $ 750,000 | $ 9,100,000 |
| Feb. | $ 197,050,000 | $ 16,900,000 | $ 213,950,000 | $ 9,350,000 | $ 1,700,000 | $ 11,050,000 |
| Mar. | $ 196,700,000 | $ 21,200,000 | $ 217,900,000 | $ 8,050,000 | $ 1,400,000 | $ 9,450,000 |
| Apr. | $ 209,800,000 | $ 52,050,000 | $ 261,850,000 | $ 8,200,000 | $ 550,000 | $ 8,750,000 |
| May | $ 303,700,000 | $ 27,850,000 | $ 331,550,000 | $ 11,800,000 | $ 200,000 | $ 12,000,000 |
| June | $ 178,200,000 | $ 32,450,000 | $ 210,650,000 | $ 17,050,000 | $ 1,850,000 | $ 18,900,000 |
| July | $ 301,800,000 | $ 14,200,000 | $ 316,000,000 | $ 2,200,000 | $ 400,000 | $ 2,600,000 |
| Aug. | $ 189,600,000 | $ 20,700,000 | $ 210,300,000 | $ 9,350,000 | $ 350,000 | $ 9,700,000 |
| Sept. | $ 264,000,000 | $ 31,800,000 | $ 295,800,000 | $ 8,900,000 | $ 700,000 | $ 9,600,000 |
| Oct. | $ 256,700,000 | $ 36,550,000 | $ 293,250,000 | $ 8,500,000 | $ 1,150,000 | $ 9,650,000 |
| Nov. | $ 220,300,000 | $ 7,100,000 | $ 227,400,000 | $ 14,100,000 | $ 1,300,000 | $ 15,400,000 |
| Dec. | $ 245,150,000 | $ 21,600,000 | $ 266,750,000 | $ 10,000,000 | $ 1,600,000 | $ 11,600,000 |
| 12 Mos. | $2,746,900,000 | $ 296,700,000 | $3,043,600,000 | $ 115,850,000 | $ 11,950,000 | $ 127,800,000 |

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.




# INDUSTRY ESTIMATE
# METAL CUTTING TYPE MACHINE TOOLS
## New Orders, Cancellations, Shipments and Backlog

| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog (In Mil. $) | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1984 | | | | | | | |
| Jan. | $ 122,500,000 | $ 10,700,000 | $ 133,200,000 | 883.80 | $ 65,350,000 | $ 7,200,000 | $ 72,550,000 |
| Feb. | $ 121,700,000 | $ 11,350,000 | $ 133,050,000 | 913.80 | $ 95,300,000 | $ 7,750,000 | $ 103,050,000 |
| Mar. | $ 131,900,000 | $ 14,600,000 | $ 146,500,000 | 937.80 | $ 112,350,000 | $ 10,150,000 | $ 122,500,000 |
| Apr. | $ 135,700,000 | $ 44,100,000 | $ 179,800,000 | 1,016.10 | $ 92,700,000 | $ 8,800,000 | $ 101,500,000 |
| May | $ 167,500,000 | $ 20,950,000 | $ 188,450,000 | 1,054.55 | $ 142,100,000 | $ 7,900,000 | $ 150,000,000 |
| June | $ 107,550,000 | $ 23,400,000 | $ 130,950,000 | 1,035.20 | $ 138,750,000 | $ 11,550,000 | $ 150,300,000 |
| July | $ 126,050,000 | $ 9,800,000 | $ 135,850,000 | 1,037.80 | $ 127,500,000 | $ 5,750,000 | $ 133,250,000 |
| Aug. | $ 118,250,000 | $ 16,750,000 | $ 135,000,000 | 1,055.85 | $ 111,050,000 | $ 5,900,000 | $ 116,950,000 |
| Sept. | $ 194,850,000 | $ 27,300,000 | $ 222,150,000 | 1,126.65 | $ 138,700,000 | $ 12,650,000 | $ 151,350,000 |
| Oct. | $ 176,650,000 | $ 15,100,000 | $ 191,750,000 | 1,173.25 | $ 129,450,000 | $ 15,700,000 | $ 145,150,000 |
| Nov. | $ 154,750,000 | $ 5,250,000 | $ 160,000,000 | 1,174.20 | $ 147,150,000 | $ 11,900,000 | $ 159,050,000 |
| Dec. | $ 142,150,000 | $ 16,950,000 | $ 159,100,000 | 1,132.45 | $ 183,450,000 | $ 17,400,000 | $ 200,850,000 |
| 12 Mos. | $1,699,550,000 | $ 216,250,000 | $1,915,800,000 | | $1,483,850,000 | $122,650,000 | $1,606,500,000 |

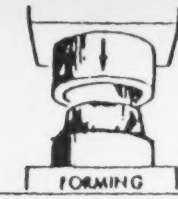
| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1984 | | | | | | |
| Jan. | $ 127,550,000 | $ 10,750,000 | $ 138,300,000 | $ 5,050,000 | $ 50,000 | $ 5,100,000 |
| Feb. | $ 130,600,000 | $ 12,400,000 | $ 143,000,000 | $ 8,900,000 | $ 1,050,000 | $ 9,950,000 |
| Mar. | $ 137,150,000 | $ 15,950,000 | $ 153,100,000 | $ 5,250,000 | $ 1,350,000 | $ 6,600,000 |
| Apr. | $ 141,800,000 | $ 44,200,000 | $ 186,000,000 | $ 6,100,000 | $ 100,000 | $ 6,200,000 |
| May | $ 171,250,000 | $ 21,100,000 | $ 192,350,000 | $ 3,750,000 | $ 150,000 | $ 3,900,000 |
| June | $ 123,050,000 | $ 25,200,000 | $ 148,250,000 | $ 15,500,000 | $ 1,800,000 | $ 17,300,000 |
| July | $ 127,350,000 | $ 10,000,000 | $ 137,350,000 | $ 1,300,000 | $ 200,000 | $ 1,500,000 |
| Aug. | $ 124,300,000 | $ 17,050,000 | $ 141,350,000 | $ 6,050,000 | $ 300,000 | $ 6,350,000 |
| Sept. | $ 201,550,000 | $ 27,950,000 | $ 229,500,000 | $ 6,700,000 | $ 650,000 | $ 7,350,000 |
| Oct. | $ 182,750,000 | $ 15,950,000 | $ 198,700,000 | $ 6,100,000 | $ 850,000 | $ 6,950,000 |
| Nov. | $ 163,550,000 | $ 6,500,000 | $ 170,050,000 | $ 8,800,000 | $ 1,250,000 | $ 10,050,000 |
| Dec. | $ 148,900,000 | $ 18,500,000 | $ 167,400,000 | $ 6,750,000 | $ 1,550,000 | $ 8,300,000 |
| 12 Mos. | $1,779,800,000 | $ 225,550,000 | $2,005,350,000 | $ 80,250,000 | $ 9,300,000 | $ 89,550,000 |

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

# INDUSTRY ESTIMATE
# METAL FORMING TYPE MACHINE TOOLS
## New Orders, Cancellations, Shipments and Backlog




| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog (In Mil. $) | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1984 | | | | | | | |
| Jan. | $ 53,050,000 | $ 2,850,000 | $ 55,900,000 | 237.05 | $ 35,550,000 | $ 4,850,000 | $ 40,400,000 |
| Feb. | $ 66,000,000 | $ 3,850,000 | $ 69,850,000 | 262.65 | $ 40,400,000 | $ 3,850,000 | $ 44,250,000 |
| Mar. | $ 56,750,000 | $ 5,200,000 | $ 61,950,000 | 257.85 | $ 60,000,000 | $ 6,750,000 | $ 66,750,000 |
| Apr. | $ 65,900,000 | $ 7,400,000 | $ 73,300,000 | 273.90 | $ 52,300,000 | $ 4,950,000 | $ 57,250,000 |
| May | $ 124,400,000 | $ 6,700,000 | $ 131,100,000 | 344.95 | $ 52,300,000 | $ 7,750,000 | $ 60,050,000 |
| June | $ 53,600,000 | $ 7,200,000 | $ 60,800,000 | 352.55 | $ 43,450,000 | $ 9,750,000 | $ 53,200,000 |
| July | $ 173,550,000 | $ 4,000,000 | $ 177,550,000 | 469.60 | $ 54,500,000 | $ 6,000,000 | $ 60,500,000 |
| Aug. | $ 62,000,000 | $ 3,600,000 | $ 65,600,000 | 487.80 | $ 44,100,000 | $ 3,300,000 | $ 47,400,000 |
| Sept. | $ 60,250,000 | $ 3,800,000 | $ 64,050,000 | 492.45 | $ 51,150,000 | $ 8,250,000 | $ 59,400,000 |
| Oct. | $ 71,550,000 | $ 20,300,000 | $ 91,850,000 | 521.70 | $ 57,600,000 | $ 5,000,000 | $ 62,600,000 |
| Nov. | $ 51,450,000 | $ 550,000 | $ 52,000,000 | 521.00 | $ 48,300,000 | $ 4,400,000 | $ 52,700,000 |
| Dec. | $ 93,000,000 | $ 3,050,000 | $ 96,050,000 | 542.20 | $ 69,100,000 | $ 5,750,000 | $ 74,850,000 |
| 12 Mos. | $ 931,500,000 | $ 68,500,000 | $1,000,000,000 | | $ 608,750,000 | $ 70,600,000 | $ 679,350,000 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1984 | | | | | | |
| Jan. | $ 56,350,000 | $ 3,550,000 | $ 59,900,000 | $ 3,300,000 | $ 700,000 | $ 4,000,000 |
| Feb. | $ 66,450,000 | $ 4,500,000 | $ 70,950,000 | $ 450,000 | $ 650,000 | $ 1,100,000 |
| Mar. | $ 59,550,000 | $ 5,250,000 | $ 64,800,000 | $ 2,800,000 | $ 50,000 | $ 2,850,000 |
| Apr. | $ 68,000,000 | $ 7,850,000 | $ 75,850,000 | $ 2,100,000 | $ 450,000 | $ 2,550,000 |
| May | $ 132,450,000 | $ 6,750,000 | $ 139,200,000 | $ 8,050,000 | $ 50,000 | $ 8,100,000 |
| June | $ 55,150,000 | $ 7,250,000 | $ 62,400,000 | $ 1,550,000 | $ 50,000 | $ 1,600,000 |
| July | $ 174,450,000 | $ 4,200,000 | $ 178,650,000 | $ 900,000 | $ 200,000 | $ 1,100,000 |
| Aug. | $ 65,300,000 | $ 3,650,000 | $ 68,950,000 | $ 3,300,000 | $ 50,000 | $ 3,350,000 |
| Sept. | $ 62,450,000 | $ 3,850,000 | $ 66,300,000 | $ 2,200,000 | $ 50,000 | $ 2,250,000 |
| Oct. | $ 73,950,000 | $ 20,600,000 | $ 94,550,000 | $ 2,400,000 | $ 300,000 | $ 2,700,000 |
| Nov. | $ 56,750,000 | $ 600,000 | $ 57,350,000 | $ 5,300,000 | $ 50,000 | $ 5,350,000 |
| Dec. | $ 96,250,000 | $ 3,100,000 | $ 99,350,000 | $ 3,250,000 | $ 50,000 | $ 3,300,000 |
| 12 Mos. | $ 967,100,000 | $ 71,150,000 | $1,038,250,000 | $ 35,600,000 | $ 2,650,000 | $ 38,250,000 |

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

A8050-1A

February 20, 1985

# press release

Contact:
Charles Pollock

FOR RELEASE A.M. MONDAY, February 25, 1985

McLean, VA, February 25, 1985 -- Net new orders for American machine tools declined 17% in January to a level of $211.90 million, according to data released today by the National Machine Tool Builders' Association. Shipments declined 50% for the month to a level of $137.80 million. However, compared to a year ago January, machine tool orders were up 12% and shipments rose 22%.

Association president James A. Gray attributed the monthly decline to a strong end of year surge in December. "Although we lost about one-quarter of our industry in the last few years, the machine tool industry continues to restructure and rebuild itself from a very modest base," said Gray. "The silver lining may be found in the streamlining efforts and the increasing application of new technology by American machine tool companies."

- over -

national machine tool builders association
7901 WESTPARK DRIVE
McLEAN, VIRGINIA 22102
AREA CODE (703) 893-2900
TWX: 710-831-0031 NMTBA MCLN

Orders for metal cutting machine tools were off 13% in December, at $138.20 million, while shipments fell 55% to a level of $89.75 million. In the metal forming category, orders declined 23% for the month, totalling $73.70 million, while shipments dropped 36% to a level of $48.05 million.

Order backlogs increased slightly during the month to a total of $1.75 billion.

# # # # # # # #